

Work Order ID 150516

Thursday, August 25, 2016 10:34:54 AM

150516

Page 1

Item ID: D350-822-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 9/19/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: **AUG 25 2016** Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
IIN-D350-822	F	AUG 30 2016					DAS 21 9-89		1609-31

100

0.00 **DAS 6 9-89*****100***

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-822-011 CHG002

DAS 27 9-89

OCT 03 2016

110

0.00

110

Pick Kit

Packaging

Memo

0.00

Packaging

AUG 30 2016

DAS 6 9-89**DAS 28 9-89**

120

0.00

120

QC4- 100% Inspect kits for completeness

QC

Memo

0.01

Quality Control

DAS 27 9-89

OCT 03 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
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Work Order ID 150516

Thursday, August 25, 2016 10:34:54 AM

150516

Page 2

Item ID: D350-822-011 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: PA100 PUREair System for AS350/EC130
Start Date: 8/29/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 9/19/2016 Req'd Qty: 1.00 *1* Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125	Consignment Stock	0.00							
125									
Outsourc10	Memo	0.00							
Consignment stock	Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD PO <u>318000</u> (Send copy of PO to Pall - James)								
	Issue W/O LINE item for Pall for amount sold on sales order S/O <u>125515</u> according to sales price see Warran for amount. (if sale price is \$23,000 - amount is \$13,400) PO can be received immediately and given to finance in order to close work order.								
130		0.00							
130	Packaging								
Packaging	Memo	0.01							
Packaging	Identify and pack for shipping as per PPP D350-822-011 Location: _____								

DAS
27
9-89DAS
28
9-89

OCT 03 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coor. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																														
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150516

Page 3

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Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

**DAS
21
9-89**~~OCT 03 2015~~**DAS
21
9-89**

OCT 03 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :																						
Misidentified ☐	☐	Past Due ☐																							

Picklist Print

Thursday, August 25, 2016 10:34:57 AM

Page 1

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C
15.06.03 AS PER IIN REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

NAS1149D0332J

Purchased

No

Each

1,122.000

58

NAS1149D0332.J

**

135536

Washer

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

522

m134848

522

GA

463

m135046

463

ST264

131

m135046

131

QR10616

Purchased

No

Each

21.0000

1

QR10616

**

Vortex Tube Repair

Location

Loc Qty

Loc Code

fg108

1

m129631

1

m134946

6

m135354

10

QC INSP

4

m133995

4

DAS
27
9-89

DAS
27
9-89

DAS
28
6-89
9-89

DAS
28
6-89
9-89

AUG 31 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
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Work Order ID: 150516

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Parent Item: D350-822-011

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Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

QB21304 Purchased No

Each 18.0000

QB21304

PUREair Panel Assembly

1

DAS 28
6 9-89

Location

Loc Qty

Loc Code

fg108

16

m134946

6

m135354

10

MEZZpall

2

118409

2

Each

17.0000

1

DAS 28
6 9-89

QB21310

Purchased No

QB21310

Transition Duct Assembly

Location

Loc Qty

Loc Code

fg108

1

m129631

1

m134946

6

m135354

10

Each

16.0000

1

DAS 28
6 9-89

QB21308

Purchased No

QB21308

Fod Screen Assembly

Location

Loc Qty

Loc Code

fg108

16

m134946

6

m135354

10

DAS 27
9-89

AUG 31 2016

DQA: _____ Date: _____



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Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

LN29985-A05

Purchased

No

Each

330.0000

15

I N29985-A05

Anchor Nut

**

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

150

m135354

150

ST563

180

m133062

15

m134976

165

Each

769.0000

56

AUG 31 2016

LN9038-05018

Purchased

No

I N9038-05018

Bolt

**

DAS DAS 28
6 9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

560

M135354

560

ST564

209

M134586

30

M134969

79

M135083

100

Each

932.0000

56

BS4320-A5

Purchased

No

BS4320-A5

Washer

**

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

908

M134946

398

M135354

510

MEZZpall

24

M129914

24

AUG 31 2016

DAS 28
6 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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OTHER :																					

Picklist Print

Thursday, August 25, 2016 10:34:57 AM

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

MS20426AD3-3

Purchased

No

Each

6,616.000

40

MS20426AD3-3

RIVET

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

fg108

400

M135354

400

GA

80

M131624

80

ST312

6136

M135274

6136

40

650.0401

Purchased

No

Each

14.0000

1

650 0401

PUREair Fairing Assembly

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

FG109

14

132155

14

D4925-041

Manufactured

No

Each

6.0000

1

D4925-041

Mounting Plate Assembly

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST218

6

143440

6

D4931-1

Manufactured

No

Each

12.0000

1

D4931-1

Engine Fitting (for acft models B2 & previous)

**

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

st138

12

144653

12

DAS
27
9-89

SEP 23 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coor. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Thursday, August 25, 2016 10:34:57 AM

Page 5

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

D4931-3 Manufactured No

Each 3.0000

D4931-3

Engine Fitting (for B3 models)

**

1
150845

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

st138

3

120907

3

D4931-5 Manufactured No

Each 6.0000

D4931-5

Engine Fitting (for B3e models)

**

1
150813

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

st138

6

120908

6

D4935-1 Manufactured No

Each 39.0000

D4935-1

Mounting Bracket

**

6
149873 X6

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

ST139

39

146511

39

D4943-1 Manufactured No

Each 22.0000

D4943-1

Flex Hose

**

1

AUG 31 2016

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

ST220a

8

119754

8

st220b

14

119751

6

119752

8

Thursday, August 25, 2016 10:34:57 AM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Picklist Print

Thursday, August 25, 2016 10:34:57 AM

Page 6

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

D4961-041 Manufactured No

Each 12.0000

D4961-041

Tube Assembly

**

1

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

FG

1

145204

1

ST139

11

146889

11

D4961-043

Manufactured No

Each

3.0000

D4961-043

Tube Assembly

**

1

149865

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

ST140

3

145205

1

147250

2

D5079-1

Purchased No

Each

18.0000

D5079-1

Placard, EAPS

**

2

150526

AUG 31 2016

DAS 28
6 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

ST148

18

147059

4

147191

14

D5090-041

Manufactured No

Each

0.0000

D5090-041

Duct Assembly

**

1

149876

SEP 08 2016

DAS 28
6 9-89
SEP 27 2016

DAS 27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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		OTHER : ☐																																																																					

Picklist Print

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Page 7

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

D5105-1 Manufactured No

Each 34.0000

D5105-1

Handle

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st151

34

144642

7

149869

27

D5110-1

Manufactured No

Each 6.0000

D5110-1

Swivel Nut Fitting

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST152

6

143630

6

D5179-1

Manufactured No

Each 45.0000

D5179-1

Doubler

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST220

45

146830

12

149870

33

D5179-3

Manufactured No

Each 24.0000

D5179-3

Doubler

**

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST220

24

144651

4

149875

20

AUG 31 2016

Thursday, August 25, 2016 10:34:57 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS * Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐ _____					

Picklist Print

Thursday, August 25, 2016 10:34:57 AM

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

D5194-1 Manufactured No

Each 30.0000

D5194-1

Doubler

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST220

30

144649

6

149874

24

D5208-041 Manufactured No

Each 9.0000

D5208-041

Blanking Plate Assembly

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST158

9

146792

9

8411999090 Purchased No

Each 0.0000

8411999090

Gasket - P/N 9752100180

9752018044

Purchased No

Each 13.0000

9752018044

Gasket (for B3 models)

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST589

13

m134540

5

m134710

8

9945000120 Purchased No

Each 13.0000

9945000120

Gasket (for B3e models)

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST589

13

m134540

5

m134710

8

DAS
28
9-89

AUG 31 2016

SEP 27 2016

DAS
28
9-89

DAS
28
9-89

DAS
28
9-89

AUG 31 2016

DAS
6
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐						
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval				
Description Work Order Deviation			Disposition					
						Completed By		
						Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval					
Root Cause			FAULT CATEGORY					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER :								

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Thursday, August 25, 2016 10:34:57 AM

Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

23350CA050

Purchased No

Each 45.0000

23350CA050

WASHER

DAS
27
9-89

Location

Loc Qty

Loc Code

ST568

45

m129609

45

Each

15.0000

**

DAS
28
6
9-89

AUG 30 2016

AN821-12J

Purchased No

Each 15.0000

AN821-12J

Elbow (or AN821-12K or 12S)

DAS
27
9-89

Location

Loc Qty

Loc Code

OVER007

10

m134955

10

ST324

5

m134544

5

Each

15.0000

**

DAS
6
9-89

DAS
28
6
9-89

AN929-12J

Purchased No

Each 15.0000

AN929-12J

Cap

DAS
27
9-89

Location

Loc Qty

Loc Code

ST322

15

m129764

3

m134861

12

Each

6.0000

**

DAS
6
9-89

DAS
28
6
9-89

AUG 30 2016

EN3686-050016

Purchased No

Each 6.0000

EN3686-050016

Screw

DAS
27
9-89

Location

Loc Qty

Loc Code

ST559

6

m134586

6

**

DAS
6
9-89

DAS
28
6
9-89

SEP 19 2016

AUG 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coor. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			

Picklist Print

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Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05012

Purchased

No

Each

96.0000

I N9038-05012

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

96

m134976

96

Each

22.0000

LN9038-05040

Purchased

No

I N9038-05040

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

22

m134466

2

m134976

20

Each

210.0000

LN9348-05

Purchased

No

I N9348-05

Nut

DAS
27
9-89

Location

Loc Qty

Loc Code

ST564

210

m134466

10

m134976

200

Each

1,044.000

MS20470AD3-4

Purchased

No

MS20470AD3-4

Rivet, Universal Head

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

268

111477

268

ST310

776

111477

776

32

**

1

**

26

**

18

**

DAS

28

9-89

AUG 31 2016

DAS

28

9-89

AUG 30 2016

DAS

28

9-89

SEP 14 2016

DAS

28

9-89

AUG 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
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								Lead hand / Supervisor Approval Verification																	
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Root Cause		FAULT CATEGORY																							
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Design ☐		Operator ☐		Bending ☐		Set-up ☐		Folio/Program ☐	Outside Dimensions ☐																
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Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐		Mislabeled ☐	Finish ☐																
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Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____																					
Misidentified ☐		Past Due ☐																							

Picklist Print

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Work Order ID: 150516

150516

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/29/2016

Required Date: 9/19/2016

Start Qty: 1.00

Required Qty: 1.00

MS21919WCH12

Purchased

No

Each

7.0000

MS21919WCH12

Clamp

DAS
27
9-89

Location

Loc Qty

Loc Code

ST291

7

m134527

7

Each

13.0000

MS9592-138

Purchased

No

MS9592-138

Bracket

DAS
27
9-89

Location

Loc Qty

Loc Code

ST267

13

m132479

13

Each

18.0000

NAS43DD3-64

Purchased

No

NAS43DD3-64

Spacer

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

8

m132461

8

ST550

10

m134544

10

1

135536

**

DAS
28
9-89

1

**

DAS
28
9-89

1

**

DAS
28
9-89

AUG 30 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																																						
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5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		D350-822-011	PA100 PUREAIR SYSTEM
	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB21308	FOD SCREEN ASSY
15**		LN29985-A05	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
1*	1*	9752100180	GASKET
1*	1*	9945000120	GASKET
2	2	23350CA050	LOCKING TAB
2	2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	1	AN929-12J	CAP
58	58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	2	EN3686-050016	SCREW
32	32	LN9038-05012	BOLT
1	1	LN9038-05040	BOLT
26	26	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919WHG12	CLAMP
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE